



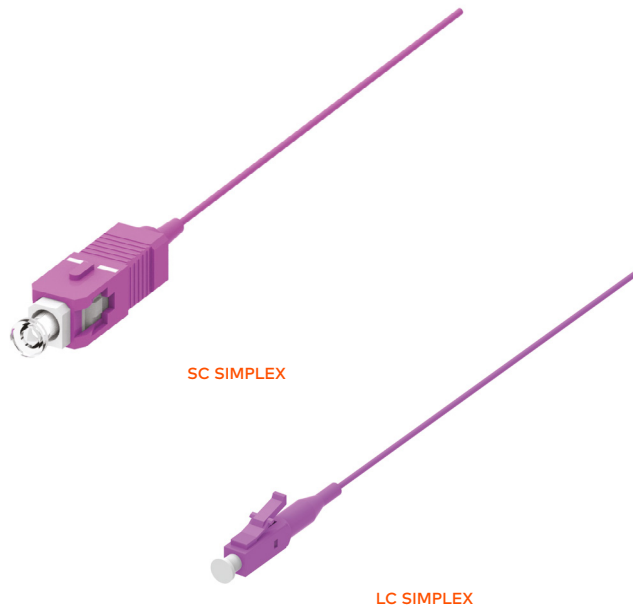
PIGTAIL MULTIMODE OM4 50/125

DESCRIPTION

High performance and strong design. High quality connectors. Individually packed. Available with purple outer jacket. Dust protection cap and cable boot included. Provides a fast way to make factory terminations in the field.

APPLICABLE STANDARDS

- ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1
- IEC 61300 • RoHS



CONNECTOR PROPERTIES

	SC	LC
Insertion Loss (dB)	< 0,2	< 0,2
Return Loss (dB)	> 25	> 25
Fiber Ferrule (mm)	Ceramic 2,5	Ceramic 1,25
Connector Housing	Composite	Composite
Connector Design	IEC61754-4	IEC61754-20

CABLE PROPERTIES

	SC	LC
Attenuation (dB @ 850nm)	≤ 3,5	≤ 3,5
Attenuation (dB @ 1300nm)	≤ 1,5	≤ 1,5
Bandwidth (MHz.km @ 850nm)	≥ 3500	≥ 3500
Bandwidth (MHz.km @ 1300nm)	≥ 500	≥ 500
Radius of Curvature (mm)	10≤r≤25	7≤r≤25
Fiber Height (nm)	-100≤h≤100	-100≤h≤100
Apex Offset (um)	10≤r≤25	10≤r≤25
Durability	500 times	500 times
Repetitiveness (dB)	≤ 0,2	≤ 0,2
Number of Fibers	1	1
Weight (kg/km)	0,9	0,9
Outer Diameter WxH (mm)	0,9	0,9
Outer Sheath Colour	Purple	Purple
Outer Sheath Material	LSZH	LSZH

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

	SC	LC
Installation Temperature (°C)	-10 to +60	-10 to +60
Operating Temperature (°C)	-10 to +60	-10 to +60
Storage Temperature (°C)	-40 to +80	-40 to +80
Tension - Long Term (N)	3	3
Tension - Short Term (N)	6	6

ORDER INFORMATION

						Inner Box
Code	Description	Conector	Length (m)	Dimension (mm)	Quantity (un)	
81302106030	Pigtail OM4 SC Simplex	SC	1,5	220x220x225	200	
81305106030	Pigtail OM4 LC Simplex	LC				

PACKAGING

This images are merely illustrative. We want you to see the importance we attach to the packaging.
We always work with products and materials that are easy to use.



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa Partner using an barpa solution (end-to-end). For more informations go to our website.

This document is authored and owned by barpa. It is forbidden to reproduce in whole or in part without mentioning its authorship, as well as modification of its content or context. All specifications are subject to change without notice. The pictures/drawings are merely illustrative.

More information: info@barpa.eu or in www.barpa.eu

datasheet n° b78_3 | date: 01/25

approved by: Ana Barbosa